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VOL. 12 INDEX 1962

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# Cooperative ECONOMIC INSECT REPORT

Issued by

PLANT PEST CONTROL DIVISION
AGRICULTURAL RESEARCH SERVICE
UNITED STATES DEPARTMENT OF AGRICULTURE

# AGRICULTURAL RESEARCH SERVICE

# PLANT PEST CONTROL DIVISION

## SURVEY AND DETECTION OPERATIONS

The Cooperative Economic Insect Report is issued weekly as a service to American Agriculture. Its contents are compiled from information supplied by cooperating State, Federal, and industrial entomologists and other agricultural workers. In releasing this material the Division serves as a clearing house and does not assume responsibility for accuracy of the material.

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Survey and Detection Operations
Plant Pest Control Division
Agricultural Research Service
United States Department of Agriculture
Washington 25, D. C.

# INTRODUCTION

The format of the 1962 index differs somewhat from that used in 1961 and 1960. The explanations that follow will aid the user.

1. Page numbers underlined represent references to the "Summary of Insect Conditions in the United States - 1961."

2. Page numbers in parenthesis represent loss estimates.

3. The small ° that follows the common name of certain species in the index indicates that the name is not listed in the "Common Names of Insects" as approved by the Entomological Society of America. However, most of these common names are of foreign species, and the common names used in the Cooperative Economic Insect Report were taken from literature sources from a country or countries where the species occurs.

4. Complete cross indexing of page references of insects with common names was not used in 1961 and 1962. The "Scientific Names" should be used to locate all page references, with the exception of those insects or groups of insects where the scientific name was not reported. In this case, the page references will be listed in the "Common Names."

5. A combination of both common and scientific name of an insect or pest may not appear on the page referenced, but one or the other will be present.

6. A list of corrections for volume 12, not previously published, is on pages 40 and 41.

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Dark-winged fungus gnats
1187
Deer flies
(1240), (1241)
Defoliators
368
Depressed flour beetle
(Palorus subdepressus)
Dermestid beetles
826, 873
Desert corn flea beetle
(Chaetocnema ectypa)
Desert locust°
(Schistocerca gregaria)
Desert spider mite
(Tetranychus desertorum)
Devastating grasshopper
(Melanoplus devastator)
Diamondback moth
(Plutella maculipennis)
Dictyospermum scale
(Chrysomphalus dictyospermi)
Differential grasshopper
(Melanoplus differentialis)
Dingy cutworm
(Feltia subgothica)

Dipterous leaf miner, a
1037
Dock sawfly
(Ametastegia glabrata)
Dodder gall weevil
(Smicronyx sculpticollis)
Dog flea
(Ctenocephalides canis)
Dog follicle mite
(Demodex canis)
Dogwood borer
(Thamnosphecia scitula)
Dogwood club-gall midge
(Mycodiplosis alternata)
Dogwood twig borer
(Oberea tripunctata)
Douglas-fir beetle
(Dendroctonus pseudotsugae)
Douglas-fir engraver
(Scolytus unispinosus)
Douglas-fir pitch moth
(Vespamima novaroensis)
Douglas-fir tussock moth
(Hemerocampa pseudotsugata)
Douglas-fir twig weevil
(Cylindrocopturus furnissi)
Dragonflies
777
Dried-fruit beetle
(Carpophilus hemipterus)
Drone fly
(Tubifera tenax)
Drugstore beetle
(Stegobium paniceum)
Drywood termites
(Kalotermes spp.)
Durra aphid°
(Aphis sorghi)
Durra stalk borer°
(Sesamia cretica)
Dusky sap beetle
(Carpophilus lugubris)

# E

Ear tick
(Otobius megnini)
Ear ticks
34, 1142
Earwigs
64, 84, 531, 568, 637, 980, 1202, 1236, 1265
Eastern lubber grasshopper
(Romalea microptera)
Eastern raspberry fruitworm
(Byturus rubi)
Eastern spruce gall aphid
(Chermes abietis)
Eastern subterranean termite
(Reticulitermes flavipes)
Eastern tent caterpillar
(Malacosoma americanum)
Eggplant flea beetle
(Epitrix fuscula)
Eggplant fruit borer°
(Leucinodes orbonalis)
Eggplant lace bug
(Gargaphia solani)
Egyptian cottonworm°
(Prodenia litura)
Egyptian tree grasshopper°
(Anacridium aegyptium)
Eight-spotted forester
(Alypia octomaculata)
Elm bark beetles
805, 1155
Elm calligrapha
(Calligrapha scalaris)
Elm cockscomb-gall aphid
(Colopha ulmicola)
Elm lace bug
(Corythucha ulmi)
Elm leaf aphid
(Myzocallis ulmifolii)
Elm leaf beetle
(Galerucella xanthomelaena)
Elm leaf miner
(Fenusa ulmi)
Elm sawfly
(Cimbex americana)
Elm scurfy scale
(Chionaspis americana)
Elm spanworm
(Ennomos subsignarius)
Elongate flea beetle
(Systena elongata)
Encephalitis mosquito
(Culex tarsalis)
Engelmann spruce beetle
(Dendroctonus engelmanni)
English grain aphid
(Macrosiphum granarium)
Eriophyid mites
181, 223, 327, 338, 473, 769, 834, 868, 903
Ermine moth
(Hyponomeuta padella)
Erythraeid mite, an
270
Euonymus scale
(Unaspis euonymi)
European apple sawfly
(Hoplocampa testudinea)
European chafer
(Amphimallon majalis)
European cherry fruit fly°
(Rhagoletis cerasi)
European corn borer
(Ostrinia nubilalis)
European earwig
(Forficula auricularia)
European elm scale
(Gossyparia spuria)
European fruit lecanium
(Lecanium corni)
European grain moth
(Nemapogon granella)
European mantis
(Mantis religiosa)
European pine sawfly
(Neodiprion sertifer)
European pine shoot moth
(Rhyacionia buoliana)
European red mite
(Panonychus ulmi)
European spruce sawfly
(Diprion hercyniae)
European wheat stem sawfly
(Cephus pygmaeus)
Eye gnat, an
350
Eye-spotted bud moth
(Spilonota ocellana)
Eyed click beetle
(Alaus oculatus)

# F

Face fly
(Musca autumnalis)
Fall armyworm
(Laphygma frugiperda)
Fall cankerworm
(Alsophila pometaria)
Fall webworm
(Hyphantria cunea)
False chinch bug
(Nysius ericae)
False codling moth°
(Cryptophlebia leucotreta)
False potato beetle
(Leptinotarsa juncta)
Fern scale
(Pinnaspis aspidistrae)
Field crickets
155
Filbert bud mite
(Phytoptus avellanae)
Filbertworm
(Melissopus latiferreanus)
Fir engraver
(Scolytus ventralis)
Fire ant
(Solenopsis geminata)
Flat grain beetle
(Cryptolestes pusillus)
Flatheaded apple tree borer
(Chrysobothris femorata)
Flatheaded borers
32, 319, 333
Flatheaded fir borer
(Melanophila drummondi)
Flea beetles
54, 115, 454 462, 556, 595, 628, 795, 884, 1019, (1162), (1210)
Fleahoppers
664, 698, 801, 862, 897
Fleas
872, 957, 1235, (1242)
Flesh flies
269
Fletcher scale
(Lecanium fletcheri)
Flies
570, 979, 1062
Floodwater mosquito
(Aedes sticticus)
Florida red scale
(Chrysomphalus aonidum)
Florida wax scale
(Ceroplastes floridensis)
Flower bugs
266, 270, 1081
Flower flies
269, 423, 446, 472, 501, 533, 573, 603, 777, 839, 874, 907, 1023
Flower thrips
(Frankliniella tritici)
Forage looper
(Caenurgina erechtea)
Forbes scale
(Aspidiotus forbesi)
Foreign grain beetle
(Ahasverus advena)
Forest tent caterpillar
(Malacosoma disstria)
Four-lined plant bug
(Poecilocapsus lineatus)
Four-spotted spider mite
(Tetranychus canadensis)
Fowl tick
(Argas persicus)
Fowl ticks
(1242)
Foxglove aphid
(Myzus solani)
Frit fly
(Oscinella frit)
Fruit-tree leaf roller
(Archips argyrospilus)
Fuller rose beetle
(Pantomorus godmani)
Fungus gnats
1265
Furniture carpet beetle
(Anthrenus flavipes)

# G

Gall-forming hymenopteron, a
44
Gall insects
467, 495, 527, 599, 634, 703
Gall midges
868, 1038, 1058

Gall mites
374
Garden fleahopper
(Halticus bracteatus)
Garden springtail
(Bourletiella hortensis)
Garden symphylan
(Scutigerella immaculata)
Garden webworm
(Loxostege similalis)
Gelechiid moth, a
371
German cockroach
(Blattella germanica)
Giant bark aphid
(Longistigma caryae)
Giant hornet
(Vespa crabro germana)
Gladiolus thrips
(Taeniothrips simplex)
Glassy cutworm
(Crymodes devastator)
Gloomy scale
(Chrysomphalus tenebricosus)
Glover scale
(Lepidosaphes gloverii)
Gnats
572
Golden buprestid
(Buprestis aurulenta)
Golden nematode
(Heterodera rostochiensis)
Golden oak scale
(Asterolecanium variolosum)
Golden tortoise beetle
(Metriona bicolor)
Golden-eye lacewing
(Chrysopa oculata)
Goldenglow aphid
(Macrosiphum rudbeckiae)
Grain mite
(Acarus siro)
Grain mites
(1207)
Grain thrips
(Limothrips cerealium)
Granary weevil
(Sitophilus granarius)
Granulate cutworm
(Feltia subterranea)
Grasshoppers
53, 54, 93, 94, 95, 96, 97, 98, 208, 218, 325, 342, 374, 380, 408, 432, 458, 481, 491, 503, 509, 545, 581, 613, 649, 664, 681, 753, 765, 798, 817, 845, 862, 881, 908, 921, 941, 965, 989, 998, 1013, 1029, 1038, 1042, 1051, 1069, 1078, 1086, (1100), 1110, 1112, 1126, 1128, 1135, 1150, (1162), 1166, 1175, (1181), (1182), 1186, (1205), (1207), (1223), (1226), 1258
Gray field slug
(Deroceras laeve)
Gray garden slug
(Deroceras reticulatum)
Great Basin tent caterpillar
(Malacosoma fragile)
Greater wax moth
(Galleria mellonella)
Grape berry moth
(Paralobesia viteana)
Grape cane gall maker
(Ampeloglypter sesostris)
Grape curculio
(Craponius inaequalis)
Grape flea beetle
(Altica chalybea)
Grape leaf folder
(Desmia funeralis)
Grape leaf skeletonizer
(Harrisina americana)
Grape mealybug
(Pseudococcus maritimus)
Grape phylloxera
(Phylloxera vitifoliae)
Grape plume moth
(Pterophorus periscelidactylus)
Grape root borer
(Vitacea polistiformis)
Grape rootworm
(Fidia viticida)
Grape scale
(Aspidiotus uvae)
Grapevine aphid
(Aphis illinoisensis)
Greedy scale
(Aspidiotus camelliae)
Greenbug
(Toxoptera graminum)
Green cloverworm
(Plathypena scabra)
Green fruitworm
(Lithophane antennata)
Green June beetle
(Cotinis nitida)
Green peach aphid
(Myzus persicae)
Green scale
(Coccus viridis)
Green shield scale
(Pulvinaria psidii)
Green stink bug
(Acrosternum hilare)
Greenhouse leaf tier
(Udea rubigalis)
Greenhouse orthezia
(Orthezia insignis)
Greenhouse slug
(Milax gagates)
Greenhouse thrips
(Heliothrips haemorrhoidalis)
Greenhouse whitefly
(Trialeurodes vaporariorum)
Green-striped grasshopper
(Chortophaga viridifasciata)
Green-striped mapleworm
(Anisota rubicunda)
Ground beetles
500
Ground mealybug
(Rhizoecus falcifer)
Gulf Coast tick
(Amblyomma maculatum)
Gypsy moth
(Porthetria dispar)

# H

Hackberry lace bug
(Corythucha celtidis)
Hackberry-nipple-gall maker
(Pachypsylla celtidismamma)
Hag moth
(Phobetron pithecium)
Hairy chinch bug
(Blissus leucopterus hirtus)
Hairy spider beetle
(Ptinus villiger)
Hairworms
643
Harlequin bug
(Murgantia histrionica)
Hawk moth, a
54
Hawthorn lace bug
(Corythucha cydoniae)
Head louse
(Pediculus humanus capitis)
Hemispherical scale
(Saissetia hemisphaerica)
Hemlock looper
(Lambdina fiscellaria)
Hemlock sawfly
(Neodiprion tsugae)
Hemlock scale
(Aspidiotus ithacae)
Hessian fly
(Phytophaga destructor)
Hickory shuckworm
(Laspeyresia caryana)
Hickory tussock moth
(Halisidota caryae)
Hide beetle
(Dermestes maculatus)
High Plains grasshopper
(Dissosteira longipennis)
Hog louse
(Haematopinus suis)
Hollyhock seed moth
(Pexicopia malvella)
Hollyhock weevil
(Apion longirostre)
Holly leaf miner
(Phytomyza ilicis)
Holly scale
(Aspidiotus britannicus)
Honey bee
(Apis mellifera)
Hop aphid
(Phorodon humuli)
Hop looper
(Hypena humuli)
Hop nematode
(Heterodera humuli)
Horn fly
(Haematobia irritans)
Horned squash bug
(Anasa armigera)
Hornets
244, 255, 469, 932, 979, 1062
Horntails
1217
Horse biting louse
(Bovicola equi)
Horse bot fly
(Gasterophilus intestinalis)
Horse flies
47, (1240), (1241)
Horse sucking louse
(Haematopinus asini)
House centipede
(Scutigera coleoptrata)
House cricket
(Acheta domesticus)
House fly
(Musca domestica)
Human flea
(Pulex irritans)
Humpbacked fly, a
64
Hymenopterous parasites
21, 932, 958, 1023, 1158, 1191

# I

Imbricated snout beetle
(Epicaerus imbricatus)
Imported cabbageworm
(Pieris rapae)
Imported currantworm
(Nematus ribesii)
Imported fire ant
(Solenopsis saevissima richteri)
Imported willow leaf beetle
(Plagiodera versicolora)
Indian-meal moth
(Plodia interpunctella)
Introduced pine sawfly
(Diprion similis)
Io moth
(Automeris io)
Iris borer
(Macronoctua onusta)

Italian grasshopper°
(Calliptamus italicus)
Italian locust°
(Calliptamus italicus)
Italian pear scale
(Epidiaspis piricola)
Itch mite
(Sarcoptes scabiei)

# J

Jack-pine budworm
(Choristoneura pinus)
Jack-pine sawfly
(Neodiprion pratti banksianae)
Japanese beetle
(Popillia japonica)
Jeffrey pine beetle
(Dendroctonus jeffreyi)
Jumping plantlouse, a
70
June beetles
599
Juniper scale
(Diaspis carueli)
Juniper webworm
(Dichomeris marginella)

# K

Katydids
188
Khapra beetle
(Trogoderma granarium)
Koa seedworm
(Cryptophlebia illepida)

# L

Lace bugs
567, 600, 807, 835, 875, 1020, 1092
Lacewings
269, 446, 501, 603, 641, 673, 709, 838, 839, 874, 980, 1006
Lady beetles
4, 166, 197, 243, 266, 287, 709, 1041, 1063, 1096, 1257
Laelaptid mite, a
1055
Lantana lace bug
(Teleonemia scrupulosa)
Larch casebearer
(Coleophora laricella)
Larch sawfly
(Pristiphora erichsonii)
Larder beetle
(Dermestes lardarius)
Large aspen tortrix
(Choristoneura conflictana)
Large white butterfly°
(Pieris brassicae)
Larger elm leaf beetle
(Monocesta coryli)
Larger shot-hole borer
(Scolytus mali)
Larger yellow ant
(Acanthomyops interjectus)
Lawn armyworm
(Spodoptera mauritia acronyctoides)
Leaf beetles
834, 955
Leaf crumpler
(Acrobasis indigenella)
Leaf-footed bug
(Leptoglossus phyllopus)
Leaf miners
50, 51, 54, 172, 200, 206, 207, 368, 409, 565, 593, 759, 797, 836, (1102)
Leaf perforators
925
Leaf roller moths
516, 526, 559, 657, 772, 867, 925, 973
Leaf tiers
833
Leafhoppers
51, 194, 237, 278, 407, 565, 659, 764, 836, 856, 862, 917, 948, 998, 1031, 1055, 1073, (1100), 1110, 1137, 1140, (1162), 1191, 1247
Leek moth°
(Acrolepia assectella)
Leopard moth
(Zeuzera pyrina)
Lepidopterous leaf miner, a
969
Lesser appleworm
(Grapholitha prunivora)
Lesser bulb fly
(Eumerus tuberculatus)
Lesser clover leaf weevil
(Hypera nigrirostris)
Lesser cornstalk borer
(Elasmopalpus lignosellus)
Lesser grain borer
(Rhyzopertha dominica)
Lesser mealworm
(Alphitobius diaperinus)
Lesser peach tree borer
(Synanthedon pictipes)
Lilac borer
(Podosesia syringae syringae)
Lilac leaf miner
(Gracilaria syringella)
Lima-bean pod borer
(Etiella zinckenella)
Lima-bean vine borer
(Monoptilota pergratialis)
Linden looper
(Erannis tiliaria)
Little black ant
(Monomorium minimum)
Little house fly
(Fannia canicularis)
Locust borer
(Megacyllene robiniae)
Locust leaf miner
(Xenochalepus dorsalis)
Locust midge, a
568
Locust twig borer
(Ecdytolopha insiticiana)
Lodgepole needle miner
("Recurvaria" milleri)
Lone star tick
(Amblyomma americanum)
Long-horned beetles
196
Long-nosed cattle louse
(Linognathus vituli)
Long-tailed mealybug
(Pseudococcus adonidum)
Loopers
594, 667
Lucerne beetle°
(Phytodecta fornicatus)
Lymantriid, a
56

# M

Maggots
155, 252, 460, 557
Magnolia scale
(Neolecanium cornuparvum)
Maize and jowar borer°
(Chilo zonellus
Maize billbug
(Sphenophorus maidis)
Maize stalk borer°
(Busseola fusca)
Maple bladder-gall mite
(Vasates quadripedes)
Maple petiole borer
(Caulocampus acericaulis)
Maple trumpet skeletonizer
(Epinotia aceriella)
Margined blister beetle
(Epicauta pestifera)
Meadow plant bug
(Leptopterna dolabratus)
Meadow spittlebug
(Philaenus spumarius)
Meal moth
(Pyralis farinalis)
Meal moth, a
602
Mealybugs
40, 51, 54, 71, 176, 189, 310, 321, 411, 623, 1096, (1101), 1253
Mealy plum aphid
(Hyalopterus pruni)
Mediterranean flour moth
(Anagasta kühniella)
Mediterranean fruit fly
(Ceratitis capitata)
Melon aphid
(Aphis gossypii)
Melon fly
(Dacus cucurbitae)
Melonworm
(Diaphania hyalinata)
Mexican bean beetle
(Epilachna varivestis)
Mexican fruit fly
(Anastrepha ludens)
Mexican mealybug
(Phenacoccus gossypii)
Midges
421
Migratory grasshopper
(Melanoplus sanguinipes)
Millipeds
256, 261, 274, 534, 709, 807, 873, 906, 1063, 1097, 1118, 1142, 1172, 1176
Mimosa webworm
(Homadaula albizziae)
Mining scale
(Howardia biclavis)
Minute pirate bugs
270, 839
Mites
46, 140, 155, 164, 216, 218, 223, 241, 283, 315, 326, 338, 346, 383, 463, 492, 515, 518, 559, 563, 670, 796, 851, 916, 1031, 1053, 1093, (1100), 1168, 1176, (1209), (1242), 1266
Mormon cricket
(Anabrus simplex)
Mormon crickets
93, 458, 481, 546, 682
Morning-glory leaf miner
(Bedellia somnulentella)
Moroccan locust°
(Dociostaurus maroccanus)
Mosquitoes
84, 244, 250, 443, 469, 499, 529, 601, 637, 670, 707, 773, 807, 836, 903, 931, 957, 978, 1004, 1021, 1039, 1060, 1079, 1094, 1117, 1129, 1140, 1157, (1240), (1241), (1242), 1264
Mossy-rose-gall wasp
(Diplolepis rosae)
Moth flies
4, 34, 72, 259

Mottled tortoise beetle
(Deloyala guttata)
Mountain-ash sawfly
(Pristiphora geniculata)
Mountain pine beetle
(Dendroctonus monticolae)
Mourning-cloak butterfly
(Nymphalis antiopa)
Mud daubers
470
Mulberry whitefly
(Tetraleurodes mori)
Mushroom mite
(Tyrophagus putrescentiae)

# N

Nabids
933, 958, 980, 1006
Nantucket pine tip moth
(Rhyacionia frustrana)
Narcissus bulb fly
(Lampetia equestris)
Native elm bark beetle
(Hylurgopinus rufipes)
Native holly leaf miner
(Phytomyza ilicicola)
Navel orangeworm
(Paramyelois transitella)
Nitidulids
788, 884
Noctuids
51, 1172
Northern cattle grub
(Hypoderma bovis)
Northern corn rootworm
(Diabrotica longicornis)
Northern fowl mite
(Ornithonyssus sylviarum)
Northern house mosquito
(Culex pipiens pipiens)
Northern masked chafer
(Cyclocephala borealis)
Northern mole cricket
(Gryllotalpa hexadactyla)
Norway-maple aphid
(Periphyllus lyropictus)
Nutgrass armyworm
(Spodoptera exempta)
Nuttall blister beetle
(Lytta nuttallii)
Nymphalids
975

# O

Oak lace bug
(Corythucha arcuata)
Oak lecanium
(Lecanium quercifex)
Oak sawflies
495
Oak leaf skeletonizer, an
975
Oak skeletonizer
(Bucculatrix ainsliella)
Oak timberworm
(Arrhenodes minutus)
Oak webworm
(Archips fervidanus)
Oblique-banded leaf roller
(Archips rosaceanus)
Obscure scale
(Chrysomphalus obscurus)
Old-house borer
(Hylotrupes bajulus)
Oleander aphid°
(Aphis nerii)
Oleander scale
(Aspidiotus hederae)
Olive fruit fly
(Dacus oleae)
Olive psyllid°
(Euphyllura olivina)
Olive scale
(Parlatoria oleae)
Omnivorous leaf tier
(Cnephasia longana)
Omnivorous looper
(Sabulodes caberata)
One-spot stink bug
(Euschistus variolarius)
Onion bulb fly
(Eumerus strigatus)
Onion maggot
(Hylemya antiqua)
Onion thrips
(Thrips tabaci)
Orange-dog
(Papilio cresphontes)
Orange-striped oakworm
(Anisota senatoria)
Orange tortrix
(Argyrotaenia citrana)
Orchard mites
167, 381, 460, 591, 657, 689, 760, 792, 823, 854, 888, 946, 995, 1016
Oregon fir sawyer
(Monochamus oregonensis)
Oregon wireworm
(Melanotus oregonensis)
Oriental cockroach
(Blatta orientalis)
Oriental fruit fly
(Dacus dorsalis)
Oriental fruit moth
(Grapholitha molesta)
Oriental hornet°
(Vespa orientalis)
Oystershell scale
(Lepidosaphes ulmi)

# P

Pacific Coast tick
(Dermacentor occidentalis)
Pacific Coast wireworm
(Limonius canus)
Pacific flatheaded borer
(Chrysobothris mali)
Pacific spider mite
(Tetranychus pacificus)
Packard grasshopper
(Melanoplus packardii)
Painted beauty
(Vanessa virginiensis)
Painted hickory borer
(Megacyllene caryae)
Painted lady
(Vanessa cardui)
Painted leafhopper
(Endria inimica)
Painted maple aphid
(Drepanaphis acerifoliae)
Pale-striped flea beetle
(Systena blanda)
Pale tussock moth
(Halisidota tessellaris)
Pale western cutworm
(Agrotis orthogonia)
Pales weevil
(Hylobius pales)
Pandora moth
(Coloradia pandora)
Papaya fruit fly
(Toxotrypana curvicauda)
Parasitic braconids
471, 501, 1024, 1081, 1143
Parasitic hymenopterons
105, 390, 422, 446, 1236
Parlatoria date scale
(Parlatoria blanchardi)
Parsleyworm
(Papilio polyxenes asterius)
Pavement ant
(Tetramorium caespitum)
Pea aphid
(Macrosiphum pisi)
Pea leaf miner
(Liriomyza langei)
Pea leaf weevil
(Sitona lineata)
Pea moth
(Laspeyresia nigricana)
Pea weevil
(Bruchus pisorum)
Peach fruit moth°
(Carposina niponensis)
Peach silver mite
(Aculus cornutus)
Peach tree borer
(Sanninoidea exitiosa)
Peach twig borer
(Anarsia lineatella)
Pear lace bug°
(Stephanitis pyri)
Pear leaf blister mite
(Eriophyes pyri)
Pear leaf blister moth°
(Leucoptera scitella)
Pear plant bug
(Neolygus communis)
Pear psylla
(Psylla pyricola)
Pear rust mite
(Epitrimerus pyri)
Pear-slug
(Caliroa cerasi)
Pear thrips
(Taeniothrips inconsequens)
Pecan carpenterworm
(Cossula magnifica)
Pecan casebearer, a
604
Pecan leaf casebearer
(Acrobasis juglandis)
Pecan leaf phylloxera
(Phylloxera notabilis)
Pecan leafroll mite
(Aceria caryae)
Pecan nut casebearer
(Acrobasis caryae)
Pecan phylloxera
(Phylloxera devastatrix)
Pecan spittlebug
(Clastoptera achatina)
Pecan weevil
(Curculio caryae)
Pecanworm, a
928
Pepper maggot
(Zonosemata electa)
Pepper weevil
(Anthonomus eugenii)
Periodical cicada
(Magicicada septendecim)
Persimmon psylla
(Trioza diospyri)
Pharaoh ant
(Monomorium pharaonis)
Phlox plant bug
(Lopidea davisi)
Pickleworm
(Diaphania nitidalis)
Pigeon fly
(Pseudolynchia canariensis)
Pigeon tremex
(Tremex columba)
Pillbugs
47, 261, 278, 309, 346, 347, 349, 498
Pineapple scale
(Diaspis bromeliae)

Pine aphid, a
415
Pine bark aphid
(Pineus strobi)
Pine butterfly
(Neophasia menapia)
Pine chafer
(Anomala oblivia)
Pine colaspis
(Maecolaspis pini)
Pine engraver
(Ips pini)
Pine false webworm
(Acantholyda erythrocephala)
Pine needle miner
(Exoteleia pinifoliella)
Pine needle scale
(Phenacaspis pinifoliae)
Pine root collar weevil
(Hylobius radicis)
Pine sawflies
442, 597, 632, 666, 1232
Pine spittlebug
(Aphrophora parallela)
Pine tip moths
82, 384, 465, 562, 631, 768, 802, 953
Pine tortoise scale
(Toumeyella numismaticum)
Pine tube moth
(Argyrotaenia pinatubana)
Pine tussock moth
(Dasychira plagiata)
Pine webworm
(Tetralopha robustella)
Pine weevils
768
Pink bollworm
(Pectinophora gossypiella)
Pink-striped oakworm
(Anisota virginiensis)
Pipevine swallowtail
(Battus philenor)
Pitch mass borer
(Vespamima pini)
Pitch-pine tip moth
(Rhyacionia rigidana)
Pitch twig moth
(Petrova comstockiana)
Pith moth°
(Blastodacna atra)
Plant bugs
140, 144, 183, 230, 296, 432, 436, 561, 584, 619, 651, 655, 664, 687, 762, 767, 790, 801, 855, 862, 887, 897, 925, 952, 1032, 1112, (1209), (1226), 1258
Planthoppers
50
Plum curculio
(Conotrachelus nenuphar)
Plum fruit moth°
(Grapholitha funebrana)
Plum gouger
(Anthonomus scutellaris)
Plum rust mite
(Aculus fockeui)
Plum web-spinning sawfly)
(Neurotoma inconspicua)
Podurid springtails
1266
Polyphemus moth
(Antheraea polyphemus)
Poplar-and-willow borer
(Sternochetus lapathi)
Poplar borer
(Saperda calcarata)
Poplar borers
1091
Poplar petiole gall aphid
(Pemphigus populitransversus)
Poplar tent maker
(Ichthyura inclusa)
Poplar vagabond aphid
(Mordwilkoja vagabunda)
Potato aphid
(Macrosiphum euphorbiae)
Potato flea beetle
(Epitrix cucumeris)
Potato leafhopper
(Empoasca fabae)
Potato psyllid
(Paratrioza cockerelli)
Potato stalk borer
(Trichobaris trinotata)
Potato tuberworm
(Gnorimoschema operculella)
Poultry bug
(Haematosiphum inodorus)
Poultry lice
420
Poultry mites
420
Powder-post beetles
260, 672, 1171, 1265
Predators
93, 141, 142
Privet mite
(Brevipalpus obovatus)
Privet thrips
(Dendrothrips ornatus
Pseudoscorpions
532
Pumpkin caterpillar°
(Diaphania indica)
Purple scale
(Lepidosaphes beckii)
Puss caterpillar
(Megalopyge opercularis)
Putnam scale
(Aspidiotus ancylus)
Pyriform scale
(Protopulvinaria pyriformis)

# R

Rabbit tick
(Haemaphysa leporispalustris)
Range caterpillar
(Hemileuca oliviae)
Range crane fly
(Tipula simplex)
Rapid plant bug
(Adelphocoris rapidus)
Raspberry cane borer
(Oberea bimaculata)
Raspberry cane maggot
(Pegomya rubivora)
Raspberry crown borer
(Bembecia marginata)
Red-backed cutworm
(Euxoa ochrogaster)
Red-banded leaf roller
(Argyrotaenia velutinana)
Red-banded thrips
(Selenothrips rubrocinctus)
Redberry mite
(Aceria essigi)
Red elm bark weevil
(Magdalis armicollis)
Red flour beetle
(Tribolium castaneum)
Red harvester ant
(Pogonomyrmex barbatus)
Red-headed ash borer
(Neoclytus acuminatus)
Red-headed pine sawfly
(Neodiprion lecontei)
Red-humped caterpillar
(Schizura concinna)
Red-legged grasshopper
(Melanoplus femurrubrum
Red-necked cane borer
(Agrilus ruficollis)
Red-necked peanutworm
(Stegasta basqueella)
Red-pine sawfly
(Neodiprion nanulus nanulus)
Red pumpkin beetle°
(Raphidopalpa foveicollis)
Red turnip beetle
(Entomoscelis americana)
Red turpentine beetle
(Dendroctonus valens)
Red wax scale
(Ceroplastes rubens)
Rhodes-grass scale
(Antonina graminis)
Rhododendron borer
(Ramosia rhododendri)
Rhododendron lace bug
(Stephanitis rhododendri)
Rhubarb curculio
(Lixus concavus)
Rice delphacid
(Sogata orizicola)
Rice moth°
(Corcyra cephalonica)
Rice stink bug
(Oebalus pugnax pugnax)
Rice water weevil
(Lissorhoptrus oryzophilus)
Rice weevil
(Sitophilus oryzae)
Ring-legged earwig
(Euborellia annulipes)
Robber flies
269
Rocky Mountain wood tick
(Dermacentor andersoni)
Root maggots
1168
Rose aphid
(Macrosiphum rosae)
Rose chafer
(Macrodactylus subspinosus)
Rose curculio
(Rhynchites bicolor)
Rose leafhopper
(Edwardsiana rosae)
Rose midge
(Dasyneura rhodophaga)
Rose-slug
(Endelomyia aethiops)
Rose stem girdler
(Agrilus rubicola)
Rosy apple aphid
(Anuraphis rosea)
Roundheaded cone borer
(Paratimia conicola)
Roundheaded fir borer
(Tetropium abietis)
Roundheaded pine beetle
(Dendroctonus convexifrons)
Roundheaded wood borers
85, 333, 417
Rustic borer
(Xylotrechus colonus)
Rusty plum aphid
(Hysteroneura setariae)
Rusty tussock moth
(Orgyia antiqua)

# S

Saddleback caterpillar
(Sibine stimulea)
Saddled prominent
(Heterocampa guttivitta)
Sagebrush defoliator
(Aroga websteri)
Salt-marsh caterpillar
(Estigmene acrea)
Salt-marsh mosquito
(Aedes sollicitans)

Sand flies
837
Sand wireworm
(Horistonotus uhlerii)
San Jose scale
(Aspidiotus perniciosus)
Sap beetles
127, 260, 755, 923, (1221)
Saratoga spittlebug
(Aphrophora saratogensis)
Satin moth
(Stilpnotia salicis)
Sawflies
51, 324, 326, 336, 417, 490, 551, 599, 755, 804, 1039
Saw-toothed grain beetle
(Oryzaephilus surinamensis)
Say stink bug
(Chlorochroa sayi)
Scab mite
(Psoroptes equi)
Scale insects
274, 283, 315, 319, 326, 335, 345, 502, (1101), (1225)
Scorpion, a
531
Screw-worm
(Cochliomyia hominivorax)
Scurfy scale
(Chionaspis furfura)
Secondary screw-worm
(Cochliomyia macellaria)
Seed-corn beetle
(Agonoderus lecontei)
Seed-corn maggot
(Hylemya cilicrura)
Seed insects
(1223)
Senn pest°
(Eurygaster integriceps)
Serpentine leaf miners
61, 103, 207, 1089, 1138
Shaft louse
(Menopon gallinae)
Shallot aphid
(Myzus ascalonicus)
Sheep bot fly
(Oestrus ovis)
Sheep ked
(Melophagus ovinus)
Sheep scab mite
(Psoroptes ovis)
Short-nosed cattle louse
(Haematopinus eurysternus)
Shot-hole borer
(Scolytus rugulosus)
Shot-hole borers
348
Silverfish
(Lepisma saccharina)
Silver-spotted tiger moth
(Halisidota argentata)
Sitka-spruce weevil
(Pissodes sitchensis)
Six-spotted leafhopper
(Macrosteles fascifrons)
Six-spotted mite
(Eotetranychus sexmaculatus)
Slugs
274, 287, 347, 892, 1018, 1081
Small grain aphids
548
Smaller European elm bark beetle
(Scolytus multistriatus)
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Snipe flies
905
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(Oecanthus spp.)
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(Cameraria hamadryadella)
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256, 262
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(Celama sorghiella)
Southern armyworm
(Prodenia eridania)
Southern cabbageworm
(Pieris protodice)
Southern corn rootworm
(Diabrotica undecimpunctata howardi)
Southern cornstalk borer
(Diatraea crambidoides)
Southern fire ant
(Solenopsis xyloni)
Southern garden leafhopper
(Empoasca solana)
Southern green stink bug
(Nezara viridula)
Southern house mosquito
(Culex pipiens quinquefasciatus)
Southern lyctus beetle
(Lyctus planicollis)
Southern masked chafer
(Cyclocephala immaculata)
Southern pine beetle
(Dendroctonus frontalis)
Southern pine sawyer
(Monochamus titillator)
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(Conoderus falli)
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(Oligonychus ilicis)
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274
Soybean cyst nematode
(Heterodera glycines)
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(Papilio troilus)
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1217
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1258
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(Pegomya hyoscyami)
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(Earias insulana)
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330
Spiny oakworm
(Anisota stigma)
Spirea aphid
(Aphis spiraecola)
Spittlebugs
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Spotted alfalfa aphid
(Therioaphis maculata)
Spotted asparagus beetle
(Crioceris duodecimpunctata)
Spotted blister beetle
(Epicauta maculata)
Spotted cucumber beetle
(Diabrotica undecimpunctata howardi)
Spotted cutworm
(Amathes c-nigrum)
Spotted tussock moth
(Halisidota maculata)
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(Paleacrita vernata)
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34, 208, 243, 256, 325, 637, 673, 764, 776, 1143
Spruce aphid
(Aphis abietina)
Spruce bud moth
(Zeiraphera ratzeburgiana)
Spruce bud scale
(Physokermes piceae)
Spruce budworm
(Choristoneura fumiferana)
Spruce needle miner
(Taniva albolineana)
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1114
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(Oligonychus ununguis)
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(Cathartus quadricollis)
Squash beetle
(Epilachna borealis)
Squash bug
(Anasa tristis)
Squash vine borer
(Melittia cucurbitae)
Stable fly
(Stomoxys calcitrans)
Stalk borer
(Papaipema nebris)
Sticktight flea
(Echidnophaga gallinacea)
Stink bugs
134, 147, 156, 157, 175, 206, 436, 489, 493, 517, 625, 758, 760, 767, 790, 831, 852, 862, 887, 892, 897, 925, 945, 968, 973, 994, 1000, 1016, 1050, 1070, 1073, 1086, 1095, 1110, 1186, (1193), (1194), (1205), (1209), (1223), (1225)
Strawberry aphid
(Pentatrichopus fragaefolii)
Strawberry crown borer
(Tyloderma fragariae)
Strawberry crown moth
(Ramosia bibionipennis)
Strawberry leaf roller
(Ancylis comptana fragariae)
Strawberry root aphid
(Aphis forbesi)
Strawberry root weevil
(Brachyrhinus ovatus)
Strawberry rootworm
(Paria fragariae)
Strawberry spider mite
(Tetranychus atlanticus)
Strawberry weevil
(Anthonomus signatus)
Strawberry whitefly
(Trialeurodes packardi)
Striped alder sawfly
(Hemichroa crocea)
Striped cucumber beetle
(Acalymma vittata)
Striped flea beetle
(Phyllotreta striolata)
Striped horse fly
(Tabanus lineola)
Striped mealybug
(Ferrisia virgata)

Subterranean termites
165, 312, 351, 389, 445, 470
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(Aiolopus savignyi)
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(Hulstia undulatella)
Sugar-beet root aphid
(Pemphigus betae)
Sugar-beet root maggot
(Tetanops myopaeformis)
Sugar-beet wireworm
(Limonius californicus)
Sugar cane borer
(Diatraea saccharalis)
Sugar-pine cone beetle
(Conophthorus lambertianae)
Sunflower beetle
(Zygospila exclamationis)
Sunflower moth
(Homoeosoma electellum)
Superb plant bug
(Adelphocoris superbus)
Surinam cockroach
(Pycnoscelus surinamensis)
Sweetclover aphid
(Therioaphis riehmi)
Sweetclover weevil
(Sitona cylindricollis)
Swede midge°
(Contarinia nasturtii)
Sweetpotato flea beetle
(Chaetocnema confinis)
Sweetpotato hornworm
(Agrius cingulatus)
Sweetpotato weevil
(Cylas formicarius elegantulus)
Sweetpotato whitefly
(Bemisia tabaci)
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(Corythucha ciliata)
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(Halisidota harrisii)
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390, 471, 1063

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244, 250, 498, 530, 571, 601, 698, 707, 775, 809, 837, 905, 957, 979, 1005
Tarnished plant bug
(Lygus lineolaris)
Tawny garden slug
(Limax flavus)
Tea scale
(Fiorinia theae)
Ten-lined June beetle
(Polyphylla decemlineata)
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53, 261, 421, 500, 572, 602, 641, 673, 1063, 1138, 1143, 1158, 1266
Terrapin scale
(Lecanium nigrofasciatum)
Texas citrus mite
(Eutetranychus banksi)
Texas leaf-cutting ant
(Atta texana)
Thief ant
(Solenopsis molesta)
Thistle aphid
(Anuraphis cardui)
Three-cornered alfalfa hopper
(Spissistilus festinus)
Three-lined potato beetle
(Lema trilineata)
Thrips
49, 51, 53, 54, 155, 157, 162, 184, 207, 225, 231, 238, 280, 307, 309, 324, 336, 347, 380, 383, 384, 413, 414, 432, 439, 457, 462, 464, 472, 488, 492, 493, 497, 515, 517, 523, 551, 557, 561, 588, 594, 617, 629, 652, 655, 661, 664, 688, 695, 697, 698, 759, 764, 792, 797, 823, 831, 853, 857, 888, 890, 919, 944, 994, 1033, (1100), 1129, 1137, 1188, (1193), (1209)
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21, 351, 388, 499, 531, 572, 640, 776, 1062, 1079, (1240), (1241)
Tip-dwarf mite
(Eriophyes thujae)
Tobacco budworm
(Helitohis virescens)
Tobacco flea beetle
(Epitrix hirtipennis)
Tobacco hornworm
(Protoparce sexta)
Tobacco moth
(Ephestia elutella)
Tobacco thrips
(Frankliniella fusca)
Tobacco wireworm
(Conoderus vespertinus)
Tomato caterpillar°
(Prodenia litura)
Tomato fruitworm
(Heliothis zea)
Tomato hornworm
(Protoparce quinquemaculata)
Tomato pinworm
(Keiferia lycopersicella)
Tomato psyllid
(Paratrioza cockerelli)
Tomato russet mite
(Aculus lycopersici)
Toothed flea beetle
(Chaetocnema denticulata)
Tropical horse tick
(Dermacentor nitens)
Tropical rat mite
(Ornithonyssus bacoti)
Tuber flea beetle
(Epitrix tuberis)
Tule beetle
(Agonum maculicolle)
Tulip bulb aphid
(Anuraphis tulipae)
Tuliptree aphid
(Macrosiphum liriodendri)
Tuliptree scale
(Toumeyella liriodendri)
Tumbu fly°
(Cordylobia anthropophaga)
Tumid spider mite
(Tetranychus tumidus)
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(Rhopalosiphum pseudobrassicae)
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(Hylemya floralis)
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(Epilachna chrysomelina)
Twice-stabbed lady beetle
(Chilocorus stigma)
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(Oncideres cingulata)
Twig girdlers
1214
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(Elaphidion villosum)
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1077
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(Adalia bipunctata)
Two-spotted spider mite
(Tetranychus telarius)
Two-striped grasshopper
(Melanoplus bivittatus)
Two-striped walkingstick
(Anisomorpha buprestoides)

# U

Ugly-nest caterpillar
(Archips cerasivoranus)
Unicorn caterpillar
(Schizura unicornis)
Unspotted tentiform leaf miner°
(Callisto geminatella)

# V

Variable oak leaf caterpillar
(Heterocampa manteo)
Varied carpet beetle
(Anthrenus verbasci)
Variegated cutworm
(Peridroma saucia)
Vedalia
(Rodolia cardinalis)
Vegetable weevil
(Listroderes costirostris obliquus)
Velvetbean caterpillar
(Anticarsia gemmatalis)
Vesperos°
(Vesperus spp.)
Vespids
907, 1079, 1094
Vetch bruchid
(Bruchus brachialis)
Viburnum aphid
(Anuraphis viburniphila)
Vine moth°
(Lobesia botrana)
Virginia-creeper leafhopper
(Erythroneura ziczac)

# W

Walkingstick
(Diapheromera femorata)
Walkingsticks
929, 954, 1092, 1170
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(Chromaphis juglandicola)
Walnut caterpillar
(Datana integerrima)
Walnut husk fly
(Rhagoletis completa)
Walnut scale
(Aspidiotus juglansregiae)
Wasps
244, 255, 1062, 1117, 1157, 1171, 1190, 1266
Webbing clothes moth
(Tineola bisselliella)
Webworms
770, 819, 1247
Weevils
44, 54, 828, 918
West Indian fruit fly
(Anastrepha mombinpraeoptans)
Western balsam bark beetle
(Dryocoetes confusus)
Western bean cutworm
(Loxagrotis albicosta)
Western black flea beetle
(Phyllotreta pusilla)

Western cedar bark beetle
(Phloeosinus punctatus)
Western corn rootworm
(Diabrotica virgifera)
Western drywood termite
(Kalotermes minor)
Wester field wireworm
(Limonius infuscatus)
Western grape leaf skeletonizer
(Harrisina brillians)
Western harvester ant
(Pogonomyrmex occidentalis)
Western hemlock looper
(Lambdina fiscellaria lugubrosa)
Western oak looper
(Lambdina fiscellaria somniaria)
Western peach tree borer
(Sanninoidea exitiosa graefi)
Western pine beetle
(Dendroctonus brevicomis)
Western potato flea beetle
(Epitrix subcrinita)
Western potato leafhopper
(Empoasca abrupta)
Western spotted cucumber beetle
(Diabrotica undecimpunctata undecimpunctata)
Western striped flea beetle
(Phyllotreta ramosa)
Western subterranean termite
(Reticulitermes hesperus)
Western tent caterpillar
(Malacosoma pluviale)
Western tussock moth
(Hemerocampa vetusta)
Western wheat aphid
(Brachycolus tritici)
Western yellow-striped armyworm
(Prodenia praefica)
Wharf borer
(Nacerdes melanura)
Wheat curl mite
(Aceria tulipae)
Wheat head armyworm
(Faronta diffusa)
Wheat jointworm
(Harmolita tritici)
Wheat midge
(Sitodiplosis mosellana)
Wheat stem maggot
(Meromyza americana)
Wheat stem sawfly
(Cephus cinctus)
Wheat straw-worm
(Harmolita grandis)
Wheel bug
(Arilus cristatus)
White apple leafhopper
(Typhlocyba pomaria)
White-fir needle miner
(Epinotia meritana)
White-fringed beetles
(Graphognathus spp.)
White-lined sphinx
(Celerio lineata)
White-marked tussock moth
(Hemerocampa leucostigma)
White peach scale
(Pseudaulacaspis pentagona)
White-pine aphid
(Cinara strobi)
White-pine cone beetle
(Conophthorus coniperda)
White-pine sawfly
(Neodiprion pinetum)
White-pine weevil
(Pissodes strobi)
Willow beaked-gall midge
(Phytophaga rigidae)
Whiteflies
51, 52, 54, 206, 218, 231, 279, 345, 417, 705, 796, 994, 1016, 1054, (1101), 1112, 1152, 1186, 1247
Willow flea beetle
(Rhynchaenus rufipes)
Willow sawfly
(Nematus ventralis)
Winter grain mite
(Penthaleus major)
Winter moth
(Operophtera brumata)
Winter tick
(Dermacentor albipictus)
Wireworms
45, 127, 135, 203, 383, 410, 414, 454, 491, 510, 523, 547, 583, 616, 626, 652, 661, 697, 796, 894, 1055, (1103), 1149, 1166, (1223)
Wood ticks
253, 445
Wool maggots
1117
Woolly alder aphid
(Prociphilus tessellatus)
Woolly aphid, a
417
Woolly apple aphid
(Eriosoma lanigerum)
Woolly elm aphid
(Eriosoma americanum)

# Y

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(Therioaphis trifolii)
Yellow-headed spruce sawfly
(Pikonema alaskensis)
Yellow jackets
244, 255, 469, 979, 1005, 1062, 1117
Yellow-margined leaf beetle
(Microtheca ochroloma)
Yellow mealworm
(Tenebrio molitor)
Yellow-necked caterpillar
(Datana ministra)
Yellow rose aphid
(Myzus porosus)
Yellow scale
(Aonidiella citrina)
Yellow-striped armyworm
(Prodenia ornithogalli)
Yellow sugarcane aphid
(Sipha flava)
Yucca plant bug
(Halticotoma valida)
Yuma spider mite
(Eotetranychus yumensis)

# Z

Zebra caterpillar
(Ceramica picta)
Zimmerman pine moth
(Dioryctria zimmermani)

# SCIENTIFIC NAMES


Acalymma gouldi (a leaf beetle) 710
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# Corrections in Volume 12

| Page | Correction |
|---|---|
| 3 | A CERAMBYCID (Snaphoeta quexi) should read (Synaphoeta quexi). |
| 44 | Line 3: A PHRRHOCHORID should read A PYRRHOCORID. |
| 44, 45 | A PENTATOMID (Eurydema ornata) should read (Eurydema ornatum). |
| 44, 47, 49 | MOROCCAN LOCUST (Dociostaurus moroccanus) should read (Dociostaurus maroccanus) |
| 46 | Second paragraph, last line: (Aspidiotus armeniacus) should read (Aspidiotus armenicus). |
| 50 | First paragraph, line 15: Deraeocoris tibealis should read Deraeocoris tibialis. |
| 55 | Fruit and Olive Insects - Line 5: A SCOLYTID (Phloeotribus scarabeoides) should read (Phloeotribus scarabaeoides). |
| 72 | SLUGS AND SNAILS - CALIFORNIA - Line 4 from bottom: Oxychilus allarius should read Oxychilus alliarius. |
| 73 | Antonina pritiosa Ferris should read Antonina pretiosa Ferris. |
| 94 | Second paragraph, line 3: Oedaleonatus enigma should read Odeleonotus enigma. |
| 105 | A PARASITIC ICHNEUMON (Campoplex frustranea) should read (Campoplex frustranae). |
| 108 | Line 5: A SPIDER (Cheirocanthium diversum) should read (Cheiracanthium diversum). |
| 130 | A SLUG (Derocerus sp.) should read (Deroceras sp.). |
| 175 | Line 21 from top: MEALY PLUM APHID (Hylopterus pruni) should read (Hyalopterus pruni). |
| 184 | Pests of Avocado, Olive and Fig - Line 2: (Amboria essigana) should read (Amorbia essigana). |
| 242 | A LATHRIDIID BEETLE (Microgramme argua) should read (Microgramme arga). |
| 258 | Paragraph 3, line 3: (P. vesicula) should read (P. celtidisvesicula). |
| 280 | CITRUS BLACKFLY - MEXICO - Biological Control Zone - Sixth line: ... a PARASITIC BRACONID (Aphytis holoxanthus) should read a PARASITIC EULOPHID. |
| 333 | Last paragraph, line 5: (Myzus ulmifolii) should read (Myzocallis ulmifolii). |
| 334 | Last paragraph, line 5: An ASH TINGID (Leptophya minor) should read (Leptoypha minor). |
| 337 | Second paragraph, line 5: Bassetia ligni should read Bassettia ligni. |
| 363 | Line 11 from botton of page: ... a WEEVIL (Angronus cinerarius) should read (Agronus cinerarius). |
| 385 | A ROUNDHEADED WOOD BORER (Paratimia conicola) should read ROUNDHEADED CONE BORER. |
| 399 | AN OLETHREUTID (Matsumraeses phaseoli) should read (Matsumuraeses phaseoli). |
| 399 | A VINE MOTH (Clysia ambiguella) should read (Clysiana ambiguella). |
| 417 | NOCTUIDS - FLORIDA - Laphygma exigua should read Spodoptera exigua. |
| 422 | BENEFICIAL INSECTS: GREEN LACEWINGS (Chrysopa spp.) - IDAHO - C. plorabunda var. californica should read C. carnea. |
| 423 | ADDITIONAL NOTES - NEW YORK - Last line: PINE NEEDLE SCALE (Phenacaspis pinifoliella) should read (Phenacaspis pinifoliae). |
| 433 | KATYDIDS (Steinoxys spp.) should read (Steiroxys spp.). |
| 448 | NEW YORK - Line 19: (Altica vitis) should read (Altica chalybea). |
| 481 | Line 7: Chordillacris occipitalis should read Cordillacris occipitalis. |
| 485, 513 | A MIRID (Labops hesperus) should read (Labops hesperius). |
| 527 | GALL INSECTS - INDIANA - Andricus palustris should read Dryocosmus palustris. |
| 555 | Coccids in Florida - Coccus acutissimum should read Coccus acutissimus. |
| 568 | COCCIDS - CALIFORNIA - Stamacoccus platani should read Stomacoccus platani. |
| 667 | OAK WEBWORM (Archips flavidanus) should read (Archips fervidanus). |
| 670 | A HORNTAIL (Hartiga cressonii) should read A STEM SAWFLY (Hartigia cressonii). |
| 674 | EYED CLICK BEETLE (Alaus ocelatus) should read (Alaus oculatus). |
| 671 | TABANIDS - DELAWARE - Chrysops callida should read Chrysops callidus. |
| 672 | BLACK CARPET BEETLE (Anthrenus piceus) should read (Attagenus piceus). |
| 674 | CORRECTIONS - CEIR 12(24):616 - Lasius niger alienus should read Lasius alienus. |
| 703 | A LEAF TIER (Norma dietsiana) should read (Norma dietziana). |
| 704 | ROSE CURCULIO (Rhynchites concolor) should read (Rhynchites bicolor) |
| 717 | Line 7 from bottom: Melanoplus pardalinus should read Metator pardalinus, and M. occidentalis should read Melanoplus occidentalis. |
| 802 | BARK BEETLES - NEVADA - Dendroctonus monticola should read Dendroctonus monticolae. |
| 812 | A SOLDIER BEETLE (Tegrodera latecincta) should read A BLISTER BEETLE (Tegrodera latecincta). |
| 819 | Under CORN EARWORM (Heliothis zea) - ALABAMA - Carpophilus dimidatus should read Carpophilus dimidiatus. |
| 894 | WIREWORMS - Last line: Aeolus mellilus should read Aeolus mellillus. |
| 908 | CORRECTIONS - LEAF ROLLERS - OHIO - Second line: Zomaria interrupolineana should read Zomaria interruptolineana. |

| Page | Correction |
|---|---|
| 957 | TABANIDS - RHODE ISLAND - Chrysops vittata should read Chrysops vittatus. |
| 976 | APPLE LEAF SKELENTONIZER (Psorina hammondi) should read (Psorosina hammondi). |
| 997 | SOLDIER BEETLES (Tegrodera spp.) should read BLISTER BEETLES (Tegrodera spp.). |
| 1003 | A PYRALID (Asciodes gordialis) should read A PYRAUSTID (Asciodes gordialis). |
| 1023 | LARGER YELLOW ANT (Lasius interjectus) should read (Acanthomyops interjectus). |
| 1041 | BENEFICIAL INSECTS - LACEWINGS - Chrysopa californica should read Chrysopa carnea. |
| 1093 | A WHITEFLY (Aleurodes spiraeoides) should read (Aleyrodes spiraeoides). |
| 1095 | ANTS - RHODE ISLAND - Lasius interjectus should read Acanthomyops interjectus. |
| 1114 | SPOTTED TUSSOCK CATERPILLAR (Halisidota maculata) should read SPOTTED TUSSOCK MOTH. |
| 1119 | A GEOMETRID MOTH (Deteronomous magnarius) should read (Deuteronomous magnarius). |
| 1170 | SCREW-WORM (Callitroga hominivorax) should read (Cochliomyia hominivorax) |

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